

Message Text

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ERDA FOR DR. BAUER

E.O. 11652: N/A

TAGS: TGEN, ENRG, US, UR

SUBJECT: US-USSR ENERGY AGREEMENT: HEAT-REJECTION SYSTEMS

(08.0203): EXCHANGE OF DELEGATION VISITS

REF: (A) STATE 247541 (B) BAUER LTR TO TRUBITSYN OF SEPTEMBER

30, 1976 (C) MOSCOW 17191

1. SCIENCE OFFICE RECEIVED DECEMBER 5 COMMUNICATIONS DATED NOVEMBER 26 AND 29 RESPECTIVELY, FROM USSR MINISTRY OF POWER AND ELECTRIFICATION. LETTERS WERE ADDRESSED TO DR. BAUER OF ERDA. SCIENCE OFFICE PROVIDES SUMMARY OF EACH BELOW. ORIGINALS WILL BE POUCHED UNDER REGISTRY 3583814.

2. LETTER OF NOVEMBER 29 FROM L.A. TRUBITSYN OF MINENEPRO TO DR. BAUER ADVISES OF THE APPOINTMENT OF MIKHAIL M. PCHELIN, HEAD OF THE MAIN ADMINISTRATION FOR DESIGN AND SCIENTIFIC RESEARCH OF MINENEPRO, AS USSR PROJECT COORDINATOR FOR US/USSR JOINT COORDINATING COMMITTEE ON SCIENTIFIC AND TECHNICAL COOPERATION IN THE FIELD OF THERMAL AND ATOMIC POWER PLANT HEAT REJECTION AND WATER SUPPLY SUSTEMS.

3. LETTER OF NOVEMBER 26 FROM PCHELIN TO BAUER COVERS A NUMBER OF QUESTIONS RAISED BY REF A. PCHELIN ACCEPTS BAUER'S PREVIOUS INVITATION (REF A) TO SEND SOVIET SPECIALISTS TO THE US BUT NOT BEFORE THE FIRST HALF OF APRIL 1977. PCHELIN POINTS OUT THAT

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HE CHOSE THAT TIME FRAME BECAUSE HE WANTS SOVDEL TO PARTICIPATE IN

AMERICAN POWER CONFERENCE, AT WHICH SOVIETS PROPOSE TO GIVE THE FOLLOWING REPORT: THE PLANNING, CONSTRUCTION AND OPERATION OF DRY COOLING TOWERS IN THE USSR. BASIC CHARACTERISTICS AND CONSTRUCTION SOLUTIONS (KONSTRUKTIVNYE RESHENIYA) OF DRY-WET COOLING TOWERS IN THE USSR. PCHELIN ALSO ACCEPTS THE VISIT PROGRAM OUTLINED IN REF A AND PROPOSES THAT SOVDEL MAKE FOUR REPORTS, OUTSIDE THE CONTEXT OF THE AMERICAN POWER CONFERENCE, ON THE FOLLOWING TOPICS: A. RESEARCH AND DESIGN OF COOLING TOWERS AND HEAT REJECTION SYSTEMS WITH VARIOUS TYPES OF COOLING TOWERS; B. THE OPERATION, INSPECTION, REPAIR AND RECONSTRUCTION OF NATURAL DRAFT COOLING TOWERS; C. THE USE OF WASTE HEAT FOR HOT-HOUSE HEATING, AND D. THE USE OF WASTE HEAT FOR FISH CULTIVATION. IN HIS LETTER TO BAUER, PCHELIN ALSO ADDRESSES THE QUESTION OF THE NEXT JOINT COMMITTEE MEETING RAISED BY BAUER IN REF B. PCHELIN INDICATES HIS AGREEMENT WITH BAUER PROPOSALS CONTAINED REF B AND SUGGESTS USDEL VISIT TO USSR FEBRUARY 14-27, 1977. PCHELIN PROVIDES A BRIEF OUTLINE OF THE VISIT, PROMISING DETAILS ONCE US SIDE ACCEPTS THIS PROPOSAL. PCHELIN PROPOSES VISIT TO MOSCOW WHERE JOINT COMMITTEE MEETINGS WOULD TAKE PLACE AND TRIPS TO VORONEZH TO SEE THE NOVO-VORONEZHSKO NUCLEAR POWER STATION AND TO LENINGRAD TO VISIT VNIIG B. YE. VEGENEYEVA AND THE LENINGRAD SECTION OF THE TEPLOELEKTROPROYEKT INSTITUTE. PCHELIN ADDED THAT SOVIET SPECIALISTS WILL PRESENT FOUR REPORTS - NOT SPECIFIED - OF QUESTIONS OF INTEREST TO THE US SIDE DURING THE VISIT. PCHELIN CONCLUDES WITH A REQUEST FOR A QUICK US RESPONSE TO HIS PROPOSALS.

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